

LABOUR FORCE

QUEENSLAND

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INQUIRIES

 For information about these and related statistics, contact Information Inquiries on (07) 3222 6351 or refer to the back cover of this publication.

NOTES

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BRIAN DOYLE

Regional Director, Queensland

SUMMARY OF FINDINGS

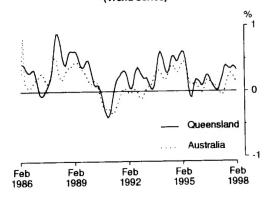
TREND SERIES

In Queensland, employment increased, in trend terms, by 61,100 to 1.605,100 between February 1997 and February 1998 while the number of unemployed persons decreased by 10.400 to 156,600 over the same period. The unemployment rate decreased from 9.8% in February 1997 to 8.9% in February 1998. The participation rate increased from 64.5% in February 1997 to 65.0% in February 1998. In Australia, in trend terms, employment increased by 129.100 from February 1997 to February 1998 while the number of unemployed persons decreased by 47.000 over the same period.

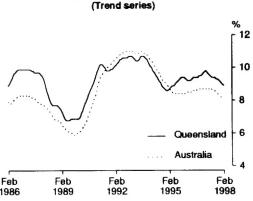
LABOUR FORCE, QUEENSLAND, TREND SERIES

ENDOON TONGE, &	0						
Particulars	Unit	February 1997	November 1997	December 1997	January 1998	February 1998	Annual change
		Service of the Service	A section of the	2010/09/09	A 4 1 A 4		
Employed	,000	1 544.0	1 587.8	1 593.9	1 599.8	1 605.1	4.0 %
Unemployed	.000	167.0	160.7	159.3	157.9	156.6	- 6.2 %
Labour force	,000	1 711.0	1 748.6	1 753.3	1 757.7	1 761.7	3.0 %
Unemployment rate	%	9.8	9.2	9.1	9.0	8.9	- 0.9 pts

EMPLOYED PERSONS: MONTHLY PERCENTAGE CHANGE (Trend series)



UNEMPLOYMENT RATE (Trend series)



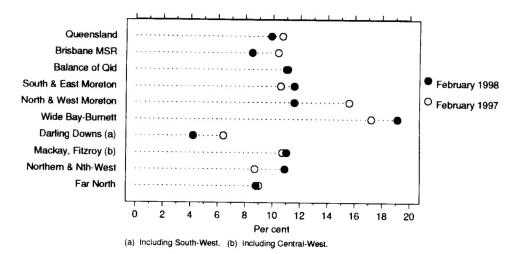
SEASONALLY ADJUSTED SERIES

In seasonally adjusted terms, employment in Queensland increased by 62.700 to 1,611,100 between February 1997 and February 1998 while the number of unemployed persons decreased by 7,100 to 158.300 over the same period. The unemployment rate decreased from 9.7% in February 1997 to 8.9% in February 1998.

REGIONAL ESTIMATES (ORIGINAL SERIES)

The unemployment rate for the Brisbane Major Statistical Region (MSR) in February 1998 was 8.5% and for the Balance of Queensland was 11.1%. North and West Brisbane Statistical Division (BSD) Balance had the highest unemployment rate (9.6%) in the Brisbane MSR while the Brisbane City Inner Ring had the lowest rate (7.4%). For the Balance of Queensland, the region with the highest unemployment rate was Wide Bay-Burnett (19.1%). The Darling Downs and South-West Statistical Region had the lowest unemployment rate at 4.2%.

UNEMPLOYMENT RATE: REGIONS OF QUEENSLAND, FEBRUARY 1997 AND FEBRUARY 1998



YOUTH ESTIMATES

The number of unemployed 15 to 19 year olds in the Queensland labour force decreased 17.7% to 31,600 persons over the year from February 1997 to February 1998, while the number employed increased by 16,600 or 14.3% to 133,000 persons. The unemployment rate for this group declined from 24.8% in February 1997 to 19.2% in February 1998. There were 187,000 employed 20 to 24 year-olds in February 1998, a marginal decrease over the previous 12 months. The unemployment rate for this group increased from 14.5% to 15.3% over the same period.

INDUSTRY ESTIMATES

In February 1998, the retail trade industry in Queensland employed the most persons with 253,300. This was an increase of 2.4% on the figure for February 1997. Employment in the manufacturing industry increased 4,600 (2.7%) to 176.400.

EMPLOYMENT AND UNEMPLOYMENT FOR SELECTED GROUPS

	EMPLOYED	PERSONS		UNEMPLOY	ED PERSON	S
	February	February	Annual	February	February	Annual
	1997	1998	change	1997	1998	change
Particulars	,000	.000	%	.000	.000	%
> . 1	*					S 1 8 .
Males	871.0	905.2	. 3.9	105.7	101.4	-4.1
Females	669.7	698.2	4.3	78.7	75.0	-4.7
Persons aged (years)						
15–19	116.4	133.0	14.3	38.4	31.6	-17.7
20–24	189.8	187.0	-1.5	32.2	33.8	5.0
25-44	758.6	801.9	5.7	80.5	71.8	-10.8
45 and over	475.8	481.4	1.2	33.4	39.2	17.4
Industry of current employment, or of full-time job if unemployed	last					
Manufacturing	171.8	176.4	2.7	14.6	12.6	-13.7
Construction	127.1	128.3	0.9	13.6	8.9	-34.6
Wholesale trade	87.3	91.4	4.7	5.2	5.8	11.5
Retail trade	247.3	253.3	2.4	14.6	16.8	15.1
Property and business services	140.7	165.7	17.8	6.5	8.5	30.8
Health and community services	138.2	146.4	5.9	3.8	4.4	15.8
Other industries	628.4	642.0	2.2	39.1	36.5	-6.6
Other unemployed persons		••		87.2	83.1	-4.7
Queensland	1 540.6	1 603.4	4.1	184.5	176.5	-4.3

TABLE 1 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

		_	Unemploy	red			Civilian population		
	Employe 	rd Total	Looking for full- time work	Total	Labour force	Not in labour force	aged 15 years and over	Unem- ployment rate	Partici- pation rate
			'000	10tai 1000	:000	'000	'000	raie %	%
Month	'000	.000	()()()	MALES	(////	()()()		/6	
				WALLS					
1996 — December	794.7	892.0	79.2	91.5	983.5	326.7	1,310.2	9.3	75.1
1997 —	770.0	070.3	02.4	100.1	979.3	333.3	1,312.6	11.3	74.6
January February	770.9 773.9	870.2 871.0	93.4 95.7	109.1 105.7	979.3 976.7	338.3	1,312.0	10.8	74.3
March	756.6	865.6	95.2	110.4	976.1	341.4	1,317.4	11.3	74.1
April	762.4	871.4	87.4	100.6	972.0	347.7	1,319.7	10.3	73.7
May	767.6	874.6	84.1	95.6	970.1	351.8	1,321.9	9.9	73.4
June	768.4	888.0	75.9	86.3	974.3	349.9	1,324.1	8.9	73.6
July	790.7	894.4	79.1	88.8	983.2	343.0	1,326.2	9.0	74.1
August	772.4	882.9	85.0 77.8	93.7 90.1	976.6 984.3	351.6 346.0	1,328.2 1,330.3	9.6 9.1	73.5 74.0
September - October	781.3 787.1	894.3 905.0	74.5	88.0	993.0	339.8	1,330.3	8.9	74.5
November	781.5	893.8	79.2	91.4	985.2	350.2	1,335.4	9.3	73.8
December	795.7	910.6	79.4	92.5	1,003.1	334.9	1,338.0	9.2	75.0
1998 January	792.6	901.2	87.8	99.2	1,000.4	339.7	1,340.1	9.9	74.6
February	792.1	905.2	87.2	101.4	1,006.6	335.7	1,342.3	10.1	75.0
			•	FEMALES					
1996 — December	387.9	673.2	43.8	69.2	742.4	591.7	1,334.1	9.3	55.6
							-		
1997	275 1	642.0	55.3	77.2	720.0	616.7	1,336.7	10.7	53.9
January	375.1 376.6	642.8 669.7	55.2 55.8	77.3 78.7	748.4	590.9	1,339.3	10.5	55.9
February March	374.4	670.0	49.0	71.3	741.3	600.5	1,341.9	9.6	55.2
April	369.8	671.2	49.4	67.4	738.5	605.6	1,344.1	9.1	54.9
May	373.2	669.1	47.9	71.3	740.4	605.9	1,346.4	9.6	55.0
June	368.5	680.8	42.4	63.3	744.0	604.6	1,348.6	8.5	55.2
July	382.0	682.6	44.4	61.2	743.8	607.0	1,350.8	8.2	55.1
August	379.9	672.1	46.4	67.1	739.2	613.7	1,352.9	9.1	54.6
September	382.9	695.1	42.7	67.4	762.5 757.3	592.6 600.3	1,355.1 1,357.6	8.8 8.3	56.3 55.8
October	382.5 386.2	694.6 697.1	41.2 43.0	62.6 64.4	761.5	598.6	1,360.1	8.5	56.0
November December	404.5	696.6	45.6	63.8	760.4	602.3	1,362.7	8.4	55.8
1998 —	207.7	(30.5	46.6	((0	726.5	(20.2	1 264 7	9.0	54.0
January February	386.6 390.6	670.5 698.2	46.6 53.7	66.0 75.0	736.5 773.2	628.2 593.5	1,364.7 1,366.7	9.7	56.6
				PERSONS					
1996 — December	1,182.6	1,565.2	123.0	160.7	1,725.9	918.4	2,644.3	9.3	65.3
1997 —	1 144 0	1 512 0	140 4	186.4	1,699.4	949.9	2,649.3	11.0	64.1
January	1,146.0 1,150.5	1,513.0 1,540.6	148.6 151.5	184.5	1,725.1	929.2	2,654.3	10.7	65.0
February March	1,130.5	1,535.6	144.2	181.8	1.717.4	941.9	2,659.3	. 10.6	64.6
April	1,132.2	1,542.6	136.8	167.9	1,710.5	953.2	2,663.8	9.8	64.2
May	1,140.8	1,543.7	132.0	166.9	1.710.6	957.7	2,668.3	9.8	64.1
June	1,137.0	1,568.8	118.3	149.5	1,718.3	954.5	2,672.8	8.7	64.3
July	1,172.7	1,577.0	123.5	150.0	1,727.0	950.0	2,676.9	8.7	64.5 64.0
August	1,152.3 1,164.2	1,555.0 1,589.4	131.5 120.5	160.8 157.4	1,715.8 1,746.8	965.4 938.6	2,681.1 2,685.3	9.4 9.0	65.0
September October	1,164.2 1,169.6	1,589.4	115.7	150.6	1,750.3	938.6	2,690.4	8.6	65.1
November	1,167.7	1,590.8	122.2	155.9	1,746.7	948.8	2,695.5	8.9	64.8
December	1,200.2	1,607.2	125.0	156.3	1,763.5	937.1	2,700.6	8.9	65.3
1998 —					1 72 4 2	A	2 704 0	0.5	
January	1,179.2	1,571.6	134.4	165.2	1.736.9	967.9	2,704.8	9.5	64.
February	1,182.7	1,603.4	140.9	176.5	1,779.8	929.1	2,709.0	9.9	65.

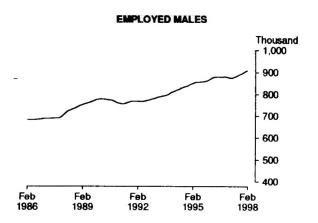
TABLE 2 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

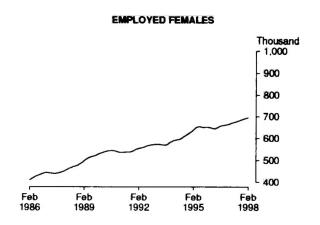
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
Month	'000	'000	,000	%	%
-		MALES			
1996 —					
December	881.5	93.4	974.9	9.6	74.4
1997 —	0.00	20.4			
January February	879.7 874.9	98.2 97.1	977.8 971.9	10.0 10.0	74.5 73.9
March	874.9 871.0	102.8	973.8	10.6	73.9
April	875.2	97.2	972.5	10.0	73.
May	879.3	96.7	976.0	9,9	73.8
lune	883.9	89.4	973.3	9.2 9.7	73.:
July	887.9	95.7	983.6	9.7	74.
August	887.3	96.3	983.6	9.8	74.
September October	886.6 900.4	94.6 92.8	981.2 993.2	9.6 9.3	73.8 74.5
November	895.4	92.8 95.2	993.2 990.6	9.5 9.6	74
December	899.8	94.6	994.4	9.5	74.
-	077.0	94.0	224.4	7.5	/4
1998 —	010.9	00.3	1,000,0	9.0	74.4
January February	910.8 909.1	89.2 93.2	1,000.0 1,002.3	8.9 9.3	74.6 74.7
		FEMALES			
1996 —					
December	664.9	69.6	734.5	9.5	55.1
1997 —					
January	661.6	76.0	737.6	10.3	55.2
February	673.5	68.4	741.9	9.2	55.4
March	669.4	66.0	735.4	9.0	54.8
April	671.9	66.5	738.5 741.1	9.0 9.5	54.9
May	670.6 678.6	70.4 65.2	741.1	8.8	55.0 55.
June July	681.7	64.5	746.2	8.6	55.2
August	679.5	69.7	749.2	9.3	55.4
September	683.8	68.4	752.2	9.1	55.:
October	691.7	68.4	760.1	9.0	56.0
November	690.3	67.5	757.8	8.9	55.
December	688.0	64.4	752.3	8.6	55.2
1998 —					
January	690.5 702.0	64.9 65.2	755.4 767.2	8.6 8.5	55.4 56.1
February	/02.0	PERSONS	707.2	6.3	30.
		TERSONS			
1996—	1.546.4	163.0	1,709.4	9.5	64.6
December	1,546.4	103.0	1,709.4	7.5	04.0
1997 —		.0.0		40.0	
January	1,541.3	174.2	1,715.4 1,713.8	10.2	64.3
February	1,548.4	165.4	1,713.8	9.7	64.6
March	1,540.3	168.8 163.8	1,709.2 1,711.0	9.9 9.6	64
April	1,547.2 1,549.9	167.1	1,717.1	9.7	64. 64.
May June	1,562.4	154.6	1,717.0	9.0	64.
July	1,569.6	154.6 160.2	1,729.8	9:3	64.6
August	1,566.8	166.0	1,732.8	9.6	64.6
September	1,570.4	163.0	1,733.4	9.4	64.
October	1,592.1	161.2	1,753.2	9.2	65
November December	1,585.6 1,587.8	162.8 159.0	1,748.4 1,746.8	9.3 9.1	64. ⁶
	1,307.0	137.0	1,770.0	211	54.
1998 January	1,601.3	154.2	1,755.4	8.8	64.
February	1,611.1	158.3	1,769.5	8.9	65
	1,01111		.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

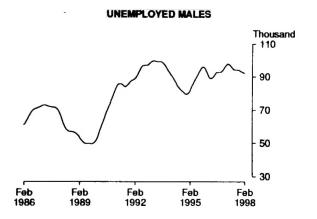
TABLE 3 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

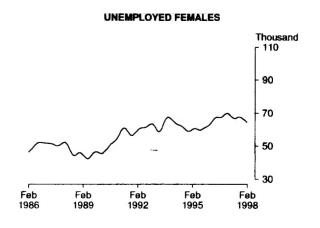
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
Month	'000	'000	'000	%	%
110/11/1		MALES			
1996 —					
December	880.2	94.5	974.7	9.7	74.4
1997 —	070.3	96.1	974.4	9.9	74.2
January February	878.3 876.5	96.1 97.4	974.4 973.9	10.0	74.1
March	875.7	98.0	973.7	10.1	73.9
April	876.3	97.6	973.9	10.0	73.8
May	878.5	96.4 95.1	975.0 977.0	9.9 9.7	73.8 73.8
June July	881.8 885.2	93.1	979.6	9.6	73.9
August	888.3	94.3	982.6	9.6	74.0
September	891.4	94.4	985.8	9.6	74.1
October	894.7	94.3	989.0	9.5	74.2
November	898.5	93.8	992.3 995.5	9.5 9.4	74.3 74.4
December	902.3	93.2	995.5	9.4	74
1998 Ionuam	905.9	92.5	998.3	9.3	74.:
January February	909.0	92.0	1,001.0	9.2	74.0
		FEMALES			
1996 —					
December	663.1	69.7	732.8	9.5	54.9
1997 —				0.5	55
January	665.1	70.0	735.0	9.5 9.4	55.0 55.0
February	667.5 670.0	69.6 68.7	737.1 738.7	- 9.3	55.
March April	672.2	67. 7	739.9	9.1	55.
May	674.3	67.0	741.3	9.0	55.
June	676.7	66.9	743.5	9.0	55.
July	679.5	67.3	746.8	9.0 9.0	55. 55.
August	682.3 684.9	67.7 67.7	750.0 752.7	9.0	55.
September October	687.2	67.5	754.6	8.9	55.
November	689.4	66.9	756.3	8.8	55.
December	691.6	66.2	757.8	8.7	55.0
1998 —	(01.0	45 A	759.3	8.6	55.0
January February	693.9 696.1	65.4 64.6	759.3 760.7	8.5	55.
		PERSONS			
1996 —				0.4	
December	1,543.2	164.3	1,707.5	9.6	64.
1997 —		144.1	1 700 5	0.7	4.4
January	1,543.4	166.1 167.0	1,709.5 1,711.0	9.7 9.8	64. 64.
February	1,544.0 1,545.7	166.7	1,712.4	9.7	64.
March April	1,548.6	165.3	1,713.8	9.6	64.
May	1,552.8	163.4	1,716.2	9.5	64.
June	1,558.5	162.0	1.720.5	9.4	64.
July	1.564.7	161.7 •	1,726.4	9.4	64.
August	1,570.6 1,576.3	162.0 162.1	1,732.7 1,738.4 1,743.7	9.4 9.3	64. 64.
September	1,576.3 1,581.9	162.1	1,738.4	9.3	64.
October November	1,581.9	160.7	1,748.6	9.2	64.
December	1,593.9	159.3	1,753.3	9.1	64.
1998—				0.0	
January	1,599.8	157.9	1,757.7	9.0 8.9	65. 65.
February	1,605.1	156.6	1,761.7	0.9	63.

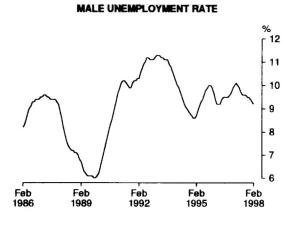
LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

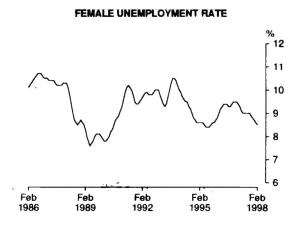


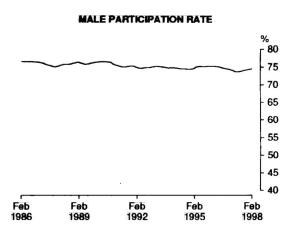












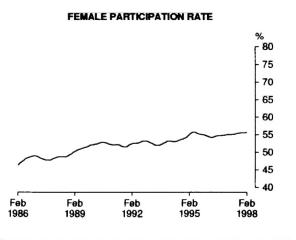


TABLE 4 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, FEBRUARY 1998

		Employed			Labour	Unem- ployment	Partici- pation
	Full-time	Part-time	Total	Unemployed	force	rate	rate
Region	'000	.000	'000	.000	.000	%	%
-		MALE	S				
Brisbane	365.7	51.5	417.2	38.2	455.4	8.4	75.1
Brisbane City Inner Ring	83.8	11.9	95.7	8.3	103.9	8.0	70.1
Brisbane City Outer Ring	112.8	18.7	131.5	12.5	144.0	8.7	74.6 79.8
South and East BSD Balance North and West BSD Balance	82.5 86.7	8.1 12.8	90.6 99.5	7.7 9.7	98.4 109.1	7.9 8.9	76.9
Gold Coast (Part A and Part B)(a)	85.7	16.2	101.9	13.5	115.4	11.7	72.4
	426.4	61.6	488.0	63.3	551.2	11.5	74.9
Balance of Queensland							72.3
South and East Moreton	79.1	15.9	94.9 72.0	13.3 10.2	108.2 82.2	12.3 12.4	72.3 71.1
North and West Moreton Wide Bay-Burnett	60.5 45.7	11.4 7.6	53.4	13.2	66.6	19.8	67.1
Darling Downs and South-West	57.2	7.1	64.3	2.9	67.2	4.3	74.7
Mackay, Fitzroy and Central-West	85.9	7.5	93.4	12.5	106.0	11.8	84.6
Northern and North-West	54.3	5.9	60.3	6.0	66.2	9.0	76.9
Far North	43.6	6.1	49.7	5.2	54.9	9.5	78.1
Queensland	792.1	113.1	905.2	101.4	1,006.6	10.1	75.0
		FEMAI	.ES				
Brishane	190.2	139.8	330.0	31.6	361.6	8.7	57.4
Brisbane City Inner Ring	51.1	29.8	80.8	5.9	86.7	6.8	57.8
Brisbane City Outer Ring	59.3	45.6	104.8	9.3	114.1	8.1	56.8
South and East BSD Balance	37.1	28.1	65.2	7.1	72.3	9.8	57.8
North and West BSD Balance	42.7	36.3	79.1	9.3	88.4	10.5	57.5
Gold Coast (Part A and Part B)(a)	47.7	36.1	83.8	10.6	94.4	11.2	54.7
Balance of Queensland	200.4	167.8	368.2	43.4	411.7	10.6	55.9
South and East Moreton	43.0	34.4	77.4	9.4	86.8	10.8	54.5
North and West Moreton	30.9	30.1	61.0	7.3	68.3	10.6	55.9
Wide Bay-Burnett	19.2	15.9	35.1	7.7	42.7	17.9	46.0
Darling Downs and South-West	26.5	21.7	48.3	* 2.1	50.3	* 4.1	57.2
Mackay, Fitzroy and Central-West	41.4	29.1	70.5	7.8	78.3	9.9	63.2 54.2
Northern and North-West	20.0	18.3	38.3	6.1 * 3.2	44.4 40.8	13.7 * 7.9	59.5
Far North	19.2	18.4	37.6				
Queensland	390.6	307.6	698.2	75.0	773.2	9.7	56.0
		PERSO	ONS				
Brisbane	555.9	191.3	747.2	69.8	816.9	8.5	66.
Brisbane City Inner Ring	134.9	41.6	176.5	14.2	190.7	7.4	63.9
Brisbane City Outer Ring	172.0	64.3	236.3	21.8	258.1	8.4	65.:
South and East BSD Balance	119.6	36.2	155.8	14.8	170.7	8.7	68.
North and West BSD Balance	129.4	49.1	178.5	19.0.	197.5	9.6	66.
Gold Coast (Part A and Part B)(a)	133.4	52.4	185.7	24.1	209.8	11.5	63.
Balance of Queensland	626.7	229.4	856.2	106.7	962.9	11.1	65.
South and East Moreton	122.1	50.3	172.4	22.6	195.0	11.6	63.
North and West Moreton	91.5	41.5	133.0	17.5	150.5	11.6	63.
Wide Bay-Burnett	65.0	23.5	88.5	20.8	109.3	19.1	56.
Darling Downs and South-West	83.7	28.9	112.6	5.0	117.5 184.2	4.2 11.0	66. 73.
Mackay, Fitzroy and Central-West	127.3	36.6 24.2	163.9 98.6	20.3 12.1	184.2	10.9	65.
Northern and North-West Far North	74.4 62.8	24.2 24.4	87.3	8.4	95.7	8.8	68.

⁽a) Part (A) included in South and East BSD Balance and Part (B) included in South and East Moreton.

TABLE 5 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, JANUARY 1998

		Employed			1h	Unem-	Partici
	Full-time	Part-time	Total	Unemployed	Labour force	ployment rate	patios rate
Region	'000	'000	'000	.000	'000	0,0	o,
		MALI	ES				
Brisbane	365.4	54.6	420.0	36.3	456.3	8.0	75.4
Brisbane City Inner Ring	86.5	12.2	98.7	8.4	107.2	7.9	70.9
Brisbane City Outer Ring	112.9	17.6	130.4	9.2	139.6	6.6	75.1
South and East BSD Balance	79.3	11.4	90.8	8.4	99.1	8.4	79.9
North and West BSD Balance	86.7	13.4	100.1	10.3	110.4	9.4	76.5
Gold Coast (Part A and Part B)(a)	84.2	16.5	100.7	13.7	114.4	12.0	71.7
Balance of Queensland	427.2	54.0	481.1	62.9	544.1	11.6	74.1
South and East Moreton	82.1	14.1	96.2	12.8	109.0	11.7	71.0
North and West Moreton	60.9	10.1	71.0	10.0	81.0	12.4	70.1
Wide Bay-Burnett	45.1	8.0	53.1	11.8	65.0	18.2	66.8
Darling Downs and South-West	57.1	6.4	63.5	3.6	67.2	5.4	75.4
Mackay, Fitzroy and Central-West	86.1	6.6	92.8	11.4	104.2	10.9	84.6
Northern and North-West Far North	50.7 45.1	4.3 4.4	55.0 49.5	8.7 4.6	63.7 54.0	13.6	73.6
						8.5	77.8
Queensland	792.6	108.5	901.2	99.2	1,000.4	9.9	74.6
		FEMAI	LES				
Brishane	192.5	131.0	323.6	28.6	352.2	8.1	56.0
Brisbane City Inner Ring	48.8	29.5	78.2	5.8	84.0	6.9	55.5
Brisbane City Outer Ring	60.6	42.3	102.9	6.9	+109.8	6.3	55.9
South and East BSD Balance	37.6	27.2	64.7	9.0	73.7	12.2	58.2
North and West BSD Balance	45.6	32.1	77.7	7.0	84.7	8.2	54.7
Gold Coast (Part A and Part B)(a)	46.9	34.9	81.8	6.9	88.7	7.7	53.0
Balance of Queensland	194.1	152.9	346.9	37.4	384.3	9.7	52.2
South and East Moreton	41.9	33.2	75.1	5.6	80.7	7.0	51.9
North and West Moreton	28.1	28.4	56.5	5.8	62.3	9.3	50.2
Wide Bay-Burnett	21.7	14.1	35.9	6.8	42.7	16.0	44.3
Darling Downs and South-West	22.5	20.6	43.1	3.9	47.0	8.3	51.1
Mackay, Fitzroy and Central-West	38.1	23.6	61.7	5.6	67.3	8.3	58.1
Northern and North-West	21.3	16.7	38.0	4.7	42.7	11.1	52.6
Far North	20.4	16.3	36.7	4.9	41.6	11.8	59.0
Queensland	386.6	283.9	670.5	66.0	736.5	9.0	54.0
		PERSO)NS				
Brisbane	558.0	185.6	743.6	64.9	808.5	8.0	65.5
Brisbane City Inner Ring	135.3	41.7	177.0	14.2	191.2	7.4	63.2
Brisbane City Outer Ring	173.5	59.8	233.3	16.1	249.4	6.4	65.3
South and East BSD Balance	116.9	38.6	155.5	17.3	172.8	10.0	68.9
North and West BSD Balance	132.4	45.4	177.8	17.3	195.1	8.9	65.2
Gold Coast (Part A and Part B)(a)	131.1	51.4	182.5	20.6	203.1	10.1	62.1
Balance of Queensland	621.3	206.8	828.1	100.3	928.4	10.8	63.1
South and East Moreton	124.0	47.3	171.3	18.4	189.7	9.7	61.4
North and West Moreton	89.0	38.5	127.5	15.8	143.3	11.0	59.8
Wide Bay-Burnett	66.8	22.2	89.0	18.6	107.6	17.3	55.6
Darling Downs and South-West	79.7	27.0	106.7	7.5	114.2	6.6	63.0
Mackay, Fitzroy and Central-West	124.2	30.2	154.4	17.0	171.4	9.9	71.8
Northern and North-West	72.0	21.0	93.0	13.4	106.4	12.6	63.4
Far North	65.5	20.6	86.1	9.5	95.6	9.9	68.3

⁽a) Part (A) included in South and East BSD Balance and Part (B) included in South and East Moreton.

TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, DECEMBER 1997

		Employed			Labour	Unem- ployment	Partici- pation
	Full-time	Part-time	Total	Unemployed	force	rate	rate
Region	'000	'000	'000	'000	.000	%	%
-		MALE	S				
Brisbane	367.2	51.6	418.8	37.0	455.8	8.1	75.4
Brisbane City Inner Ring	88.4	12.3	100.6	8.4	109.0	7.7	72.0
Brisbane City Outer Ring	110.7	17.6	128.3	8.7	137.0	6.3	74.9
South and East BSD Balance	83.3	9.3	92.6	9.4	102.0 107.8	9.2 9.8	80.6 74.9
North and West BSD Balance	84.8	12.5	97.3	10.5	107.8		
Gold Coast (Part A and Part B)(a)	82.3	15.1	97.4	12.1	109.4	11.0	72.2
Balance of Queensland	428.5	63.2	491.8	55.6	547.3	10.2	74.6
South and East Moreton	78.3	13.4	91.7	12.0	103.7	11.6	71.8
North and West Moreton	55.0	12.5	67.5	8.7	76.2	11.5	69.3 66.7
Wide Bay-Burnett	44.5	11.2	55.6	12.5	68.2 70.2	18.4 5.2	77.1
Darling Downs and South-West	58.6	7.9	66.5 99.7	3.6 9.9	109.5	9.0	83.8
Mackay. Fitzroy and Central-West	92.0	7.6 6.0	62.5	5.7	68.2	8.3	76.3
Northern and North-West Far North	56.6 43.5	4.7	48.2	* 3.1	51.3	* 6.1	78.2
Queensland	795.7	114.8	910.6	92.5	1,003.1	9.2	75.0
		FEMAL	ES				
Brixbane	200.4	. 131.4	331.8	28.3	360.2	7.9	57
D. I. Cita Inna Dian	52.5	28.5	81.0	4.2	85.3	5.0	56.
Brisbane City Inner Ring	62.3	45.3	107.6	5.4	113.0	4.8	56.
Brisbane City Outer Ring South and East BSD Balance	38.7	27.9	66.5	8.8	75.3	11.7	60
North and West BSD Balance	47.0	29.7	76.7	9.9	86.5	11.4	56.
Gold Coast (Part A and Part B)(a)	46.9	32.4	79.3	7.5	86.8	8.7	54.
Balance of Queensland	204.0	160.8	364.8	35.4	400.2	8.9	54
South and East Moreton	41.4	31.0	72.4	6.7	79.1	8.4	53.
North and West Moreton	29.0	25.6	54.6	6.0	60.7	10.0	52.
Wide Bay-Burnett	20.2	17.0	37.3	6.0	43.2	13.8	44.
Darling Downs and South-West	23.8	23.5	47.3	3.0	50.3	6.0	55.
Mackay, Fitzroy and Central-West	43.5	28.2	71.6	6.4	78.1	8.2	61.
Northern and North-West	26.4 19.7	16.4 19.1	42.8 38.8	5.5 * 1.8	48.3 40.6	11.3 * 4.5	55. 59.
Far North							
Queensland	404.5	292.2	696.6	63.8	760.4	8.4	55.
		PERSO	JNS				
Brisbane	567.6	183.0	750.6	65.3	816.0	8.0	66.
Brisbane City Inner Ring	140.9	40.8	181.7	12.6	194.3	6.5	64.
Brisbane City Outer Ring	172.9	62.9	235.9	14.1	250.0	5.7	65.
South and East BSD Balance	122.0	37.1	159.1	18.2	177.3	10.2	70.
North and West BSD Balance	131.8	42.2	173.9	20.4	194.3	10.5	65.
Gold Coast (Part A and Part B)(a)	129.1	47.5	176.7	19.6	196.3	10.0	63.
Balance of Queensland	632.6	224.0	856.5	91.0	947.5	9.6	64
South and East Moreton	119.7	44.4	164.1	18.7	182.8	10.2	62
North and West Moreton	84.0	38.1	122.1	14.8	136.9	10.8	61
Wide Bay-Burnett	64.7	28.2	92.9	18.5	111.4	16.6	55
Darling Downs and South-West	82.4	31.4	113.8	6.7	120.5	5.5 8.7	66 72
Mackay, Fitzroy and Central-West	135.5	35.8	171.3	16.3	187.6	8.7 9.6	66
Northern and North-West Far North	83.0 63.3	22.3 23.7	105.3 87.0	11.1 4.9	116.5 91.9	9.6 5.4	68
						8.9	65
Queensland	1,200.2	407.0	1,607.2	156.3	1,763.5	8.9	05

⁽a) Part (A) included in South and East BSD Balance and Part (B) included in South and East Moreton.

TABLE 7 — LABOUR FORCE STATUS: AGE BY MAJOR STATISTICAL REGION, QUEENSLAND, FEBRUARY 1998

		Employed				Unem-	Partici
	Full-time	Part-time	Total	Unemployed	Labour force	ployment rate	patioi rate
Age group (years)	'000	'000	'000	'000	.000	%	%
		BRISBANE MA	JOR STATIS	STICAL REGION			
15-24	87.9	65.1	153.0	28.7	181.7	15.8	73.8
15-19	18.4	41.0	59.4	13.5	72.9	18.5	62.9
20-24	69.5	24.1	93.6	15.2	108.7	13.9	83.6
25-44	302.5	76.5	379.0	26.6	405.6	6.6	83.0
45 and over	165.4	49.7	215.2	14.5	229.6	6.3	45.8
Total	555.9	191.3	747.2	69.8	816.9	8.5	66.1
		BALANO	CE OF QUEE	ENSLAND			
15-24	104.8	62.3	167.1	36.8	203.9	18.0	76.5
15-19	30.9	42.7	73.6	18.1	91.7	19.7	67.5
20-24	73.9	19.6	93.5	18.7	112.1	16.7	85.7
25-44	323.7	99.2	422.9	45.2	468.0	9.7	82.8
45 and over	198.3	68.0	266.2	24.7	291.0	8.5	45.4
Total	626.7	229.4	856.2	106.7	962.9	11.1	65.4
~		Q	UEENSLAN	ID			
15-24	192.7	127.3	320.1	65.5	385.5	17.0	75.2
15-19	49.4	83.7	133.0	31.6	164.6	19.2	65.4
20-24	143.4	43.7	187.0	33.8	220.9	15.3	84.7
25-44	626.2	175.7	801.9	71.8	873.7	8.2	82.9
45 and over	363.7	117.7	481.4	39.2	520.6	7.5	45.6
Total	1,182.7	420.7	1,603.4	176.5	1,779.8	9.9	65.7

UNEMPLOYMENT RATE BY AGE, QUEENSLAND

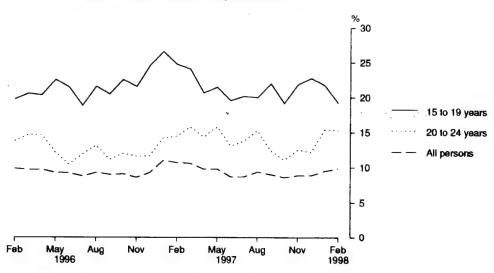


TABLE 8 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, FEBRUARY 1998

		Employed				Not in	Civilian population aged	Unem-	Partici-
	Full-time	Part-time	Total	Unemployed	Lahour force	labour force	15 to 19 years	ployment rate	pation rate
Sex	000	.000	'000	'000	'000	'000	'000	%	%
	ATTENDING	S NEITHER SCH	HOOL NO	R A TERTIARY	EDUCATION	AL INSTITU	TION FULL-T	IME	
Males	28.6	8.6	37.2	9.1	46.3	3.6	50.0	19.7	92.7
Females	16.7	11.9	28.6	7.8	36.5	5.4	41.9	21.5	87.1
Persons	45.3	20.5	65.8	17.0	82.8	9.0	91.8	20.5	90.2
		ATTENDING A	TERTIA	RY EDUCATION	IAL INSTITU	TION FULL-	TIME		
Males	* 1.9	12.4	14.3	* 1.9	16.3	8.0	24.2	* 11.8	67.1
Females	* 2.1	12.6	14.7	* 2.7	17.4	10.3	27.7	* 15.3	62.7
Persons	4.0	25.0	29.1	4.6	33.6	18.3	51.9	13.6	64.8
				ATTENDING SC	CHOOL				
Males	* 0.0	16.4	16.4	6.2	22.6	32.8	55.4	27.3	40.8
Females	* 0.0	21.7	21.7	3.9	25.6	27.0	52.6	15.2	48.7
Persons	* 0.0	38.2	38.2	10.1	48.2	59.8	108.0	20.9	44.6
				TOTAL					
Males	30.5	37.4	67.9	17.2	85.2	44.4	129.6	20.2	65.7
Females	18.9	46.2	65.1	14.4	79.5	42.7	122.1	18.1	65.1
Persons	49.4	83.7	133.0	31.6	164.6	87.1	251.8	19.2	65.4

TABLE 9 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, FEBRUARY 1998

		Employed				Not in	Civilian population aged	Unem-	Partici
	Full-time	Part-time	Total	Unemployed	Labour force	labour force	20 to 24 years	ployment rate	pation rate
Sex	'000	'000	'000	.000	'000	'000	.000	%	%
	N	OT ATTENDING	A TERTI	ARY EDUCATION	ONAL INSTIT	UTION FUL	L-TIME		
Males	83.4	8.2	91.5	15.6	107.2	3.9	111.1	14.6	96.5
Females	54.9	20.0	75.0	13.8	88.8	18.3	107.1	15.6	82.9
Persons	138.3	28.2	166.5	29.5	196.0	22.3	218.2	15.0	89.8
		ATTENDING A	TERTIA	RY EDUCATION	AL INSTITUT	TION FULL-	TIME		
Males	* 2.1	8.4	10.6	* 2.6	13.2	8.5	21.7	* 19.7	60.8
Females	* 3.0	7.0	10.0	* 1.8	11.7	9.2	21.0	* 15.2	56.1
Persons	5.1	15.4	20.5	4.4	24.9	17.7	42.6	17.6	58.5
				TOTAL					
Males	85.5	16.6	102.1	18.2	120.3	12.4	132.8	15.1	90.6
Females	57.9	27.0	84.9		100.5	27.5	128.1	15.5	78.5
Persons	143.4	43.7	187.0	33.8	220.9	40.0	260.9	15.3	84.7

TABLE 10 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

					F	emales -				
	Ма	les	Mar	ried	Not me	arried	Tota	1	Perso	ns
Month	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
-					,000					
1996—	5 04 5		•••							
December	794.7	97.3	222.8	182.7	165.0	102.7	387.9	285.4	1,182.6	382.€
1997 —										
January	770.9	99.3	218.6	172.2	156.5	95.5	375.1	267.7	1,146.0	367.0
February	773.9	97.1	219.2	194.1	157.4	99.0	376.6	293.1	1,150.5	390.1
March	756.6	109.0	221.4	193.0	153.0	102.7	374.4	295.6	1,131.0	404.7
April	762.4	109.0	218.7	197.8	151.1	103.6	369.8	301.4	1,132.2	410.5
May	767.6	107.0	223.7	193.9	149.5	102.0	373.2	295.9	1,140.8	402.9
June	768.4	119.6	216.2	207.0	152.4	105.2	368.5	312.2	1,137.0	431.8
July	790.7	103.7	215.9	202.9	166.1	97.7	382.0	300.6	1,172.7	404.3
August	772.4	110.4	223.6	190.3	156.2	101.9	379.9	292.2	1,152.3	402.7
September	781.3	113.0	218.7	204.8	164.1	107.4	382.9	312.2	1,164.2	425.2
October	787.1	117.9	218.9	198.7	163.6	113.4	382.5	312.1	1,169.6	430.0
November	781.5	117.9	223.4	197.9	162.8	112.9	386.2	310.9	1,167.7	423.1
December	795.7	114.8	231.4	185.6	173.1	106.6	404.5	292.2	1,200.2	407.0
1998 —	702 (100.5	222.2		1443	100.3	204.4	203.0	1 170 3	202
January	792.6	108.5	222.3	175.7	164.3	108.2	386.6	283.9	1,179.2	392.4
February	792.1	113.1	230.6	195.8	160.0	111.8	390.6	307.6	1,182.7	420.7
				PE	ER CENT (a)				
1996 —								<u>~</u>		
December	89.1	10.9	55.0	45.0	61.6	38.4	57.6	42.4	75.6	24.4
1997—										
January	88.6	11.4	55.9	44.1	62.1	37.9	58.4	41.6	75.7	24.3
February	88.9	11.1	53.0	47.0	61.4	38.6	56.2	43.8	74.7	25.3
March	87.4	12.6	53.4	46.6	59.9	40.1	55.9	44.1	73.6	26.4
April	87.5	12.5	52.5	47.5	59.3	40.7	55.1	44.9	73.4	26.6
May	87.8	12.2	53.6	46.4	59.4	40.6	55.8	44.2	73.9	26.1
June	86.5	13.5	51.1	48.9	59.2	40.8	54.1	45.9	72.5	27.5
	88.4	11.6	51.6	48.4	63.0	37.0	56.0	44.0	74.4	25.6
July	87.5	12.5	54.0	46.0	60.5	39.5	56.5	43.5	74.1	25.9
August	87.4	12.5	51.6	48.4	60.4	39.5	55.1	44.9	73.2	26.8
September	87.4 87.0	13.0	52.4	47.6	59.1	40.9	55.1	44.9	73.1	26.9
October							55.4	44.6	73.4	26.6
November	87.4 87.4	12.6 12.6	53.0 55.5	47.0 44.5	59.0 61.9	41.0 - 38.1	58.1	44.6	73.4 74.7	25.3
December	87.4	12.0	33.3	44.3	01.9	- 30.1	20.1	+ 1.7	/	23.3
1998 —										
January	88.0	12.0	55.9	44.1	60.3	39.7	57.7	42.3	75.0	25.0
February	87.5	12.5	54.1	45.9	58.9	41.1	55.9	44.1	73.8	26.2

⁽a) Full-time and part-time as a proportion of employed persons in each category.

TABLE 11 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS IN EMPLOYMENT, INDUSTRY DIVISION AND OCCUPATION GROUP, QUEENSLAND, FEBRUARY 1998

			Females		
Status in employment, industry division and occupation group	Males	Married	Not married	Total	Persons
Status in employment				20.0	40.6
Employers	54.9	36.8	51.1	37.8	49.0 37.4
Own account workers	42.5	26.9	29.5	27.3	37.4 35.7
Employees	40.3	30.2	29.9	30.1	35.7 15.3
Contributing family workers	17.9	14.4	12.7	13.9	13.3
Industry division					42.6
Agriculture, forestry and fishing	47.4	29.2	31.2	29.7	42.0
Mining	43.0	* 44.6	* 46.9	46.0	43.3
Manufacturing	41.6	30.2	34.4	31.4	39.
Electricity, gas and water supply	39.1	* 29.5	* 29.3	* 29.4	38.0
Construction	42.0	22.4	30.7	23.7	39.
Wholesale trade	43.6	31.6	35.2	32.6	40
Retail trade	37.7	29.5	22.5	25.8	31.4
Accommodation, cafes and restaurants	36.3	30.1	27.5	28.8	32.
Transport and storage	43.7	23.9	38.8	30.1	40.:
Communication services	40.9	37.6	33.3	35.2	39.0 36.0
Finance and insurance	43.4	29.9	35.6	31.9	
Property and business services	41.6	30.1	32.0	30.9	37. 35.
Government administration and defence	38.7	32.0	34.0	32.8	35.°
Education	40.3	32.9	35.4	33.7 29.8	33. 32.
Health and community services	41.6	28.7	32.0		31.
Cultural and recreational services	34.0	29.5	26.5	28.1	36.
Personal and other services	41.0	34.9	29.4	32.4	30.
Occupation group			40.0	34.5	47
Managers and administrators	51.6	30.8	48.8	34.5	47. 38.
Professionals	42.8	33.1	37.2	34.4	38. 45.
Associate professionals	48.0	40.1	40.2	40.1 37.6	43.
Tradespersons and related workers	41.3	38.4	36.4	28.5	29.
Advanced clerical and service workers	42.0	26.6	35.8	28.3 29.4	31.
Intermediate clerical, sales and service workers	38.0	28.5	30.7	30.1	40.
Intermediate production and transport workers	41.9	30.6	28.8	22.7	24.
Elementary clerical, sales and service workers	28.9	26.1	20.4	23.4	30.
Labourers and related workers	34.1	22.4	24.8	23.4	30.
Full-time workers	45.0	40.8	39.6	40.3	43.
Part-time workers	15.4	17.2	15.9	16.8	16.
Total	41.3	30.0	29.8	29.9	36.

TABLE 12 — EMPLOYED PERSONS: STATUS IN EMPLOYMENT, INDUSTRY DIVISION AND OCCUPATION GROUP, QUEENSLAND, FEBRUARY 1998

	('000))			
			Females		
Particulars	Males	Married	Not married	Total	Persons
Status in employment					
Employers	53.0	26.1	* 1.9	28.0	81.0
Own account workers	116.3	49.8	9.3	59.0	175.3
Employees	731.4	343.9	258.1	602.0	1,333,4
Contributing family workers	4.6	6.6	* 2.6	9.1	13.7
Industry division					
Agriculture, forestry and fishing	63.9	22.0	6.3	28.4	92.3
Mining	20.4	* 0.8	* 1.3	* 2.0	22.4
Manufacturing	133.0	31.1	12.3	43.4	176.4
Electricity, gas and water supply	10.7	* 0.9	* 0.5	* 1.4	12.1
Construction	108.1	17.1	* 3.1	20.2	128.3
Wholesale trade	64.5	19.2	7.8	27.0	91.4
Retail trade	119.3	63.6	70.3	133.9	253.3
Accommodation, cafes and restaurants	38.1	24.0	23.5	47.5	85.6
Transport and storage	67.9	12.0	8.6	20.7	88.6
Communication services	20.6	* 2.6	* 3.2	5.8	26.4
Finance and insurance	17.0	20.0	10.5	30.4	47.4
Property and business services	94.7	42.0	29.0	71.0	165.7
Government administration and defence	28.4	15.1	10.8	25.9	54.3
Education	33.7	54.2	23.0	77.2	110.9
Health and community services	32.1	75.2	39.2	114.3	146.4
Cultural and recreational services	20.4	8.1	6.9	15.0	35.5
Personal and other services	32.4	18.6	15.5	34.1	66.5
Occupation group					
Managers and administrators	84.3	19.1	4.9	24.0	108.3
Professionals	117.4	78.5	37.9 -	116.4	233.8
Associate professionals	105.9	45.1	20.3	65.4	171.3
Tradespersons and related workers	201.2	12.5	8.7	21.3	222.4
Advanced clerical and service workers	7.1	60.2	16.1	76.3	83.3
Intermediate clerical, sales and service workers	74.5	117.3	82.0	199.3	273.8
Intermediate production and transport workers	139.1	12.4	5.2	17.7	156.8
Elementary clerical, sales and service workers	64.2	45.5	71.0	116.5	180.7
Labourers and related workers	111.5	35.7	25.7	61.4	172.9

TABLE 13 — EMPLOYED PERSONS: INDUSTRY DIVISION BY OCCUPATION GROUP, QUEENSLAND, FEBRUARY 1998 ('000)

426.4

271.8

698.2

1,603.4

905.2

				0	ccupation	group				
Industry division	Managers and adminis- trators	Profess- ionals	Assoc- iate profess- ionals	Trades- persons and related workers	Adva- nced clerical and service workers	Inter- mediate clerical sales and service workers	Inter- mediate product- ion and transport workers	Element- ary clerical sales and service workers	Labourers and related workers	Total
Agriculture, forestry and fishing	49.2	* 2.1	* 2.1	3.8*	* 2.2	* 1.5	6.7	* 0.3	24.5	92.3
Mining	* 0.5	* 2.4	* 2.0	6.5	* 0.5	* 0.3	9.5	* 0.3	* 0.5	22.4
Manufacturing	12.2	8.7	8.4	49.9	7.1	18.4	32.7	* 3.2	35.9	176.4
Electricity, gas and water	* 0.0	* 1.9	* 1.0	4.4	* 0.5	* 1.4	* 1.7	* 0.2	* 1.0	12.1
Construction	9.7	* 3.2	7.4	58.1	9.6	8.2	15.8	* 0.0	16.2	128.3
Wholesale trade	9.0	7.2	9.9	10.6	4.9	24.6	11.1	10.1	4.0	91.4
Retail trade	* 2.3	4.5	33.5	36.5	7.3	18.6	20.2	110.2	20.1	253.3
Accommodation, cafes and restaurants	* 0.5	* 0.7	22.0	7.3	* 2.0	29.5	* 1.2	8.1	14.3	85.6
Transport and storage	* 1.0	5.3	3.5	5.2	6.2	13.6	42.9	5.9	5.1	88.6
Communication services	* 0.7	* 1.9	* 3.2	6.4	* 0.0	* 3.0	4.0	7.0	* 0.2	26.4
Finance and insurance	* 1.4	* 3.0	9.6	* 0.6	10.4	21.2	* 0.0	* 1.2	* 0.0	47.4
Property and business services	6.3	45.8	27.0	8.2	19.9	18.9	* 3.0	15.6	21.0	165.7
Government administration and defence	* 2.1	11.2	6.4	* 2.9	* 2.6	22.5	* 2.7	* 1.5	* 2.3	54.3
Education	6.5	68.5	* 3.1	* 2.8	3.8	20.0	* 0.0	* 0.9	5.4	110.9
Health and community services	4.5	51.8	16.6	3.6	* 2.1	51.3	* 0.4	4.8	11.3	146.4
Cultural and recreational services	* 1.2	8.9	4.7	3.9	* 1.2	8.8	* 1.1	4.4	* 1.3	35.5
Personal and other services	* 1.2	6.7	11.2	11.8	* 3.0	12.1	3.7	7.0	9.8	66.5
Total	108.3	233.8	171.3	222.4	83.3	273.8	156.8	180.7	172.9	1,603.4

Total

TABLE 14 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, BRISBANE MAJOR STATISTICAL REGION

	1996		1997		1998		
Duration of unemployment	December	January	February	December	January	February	
		MALES					
-	'000	'000	'000	.000	.000	'000	
Unemployed							
Under 4 weeks	9.8	10.5	8.0	6.2	6.2	7.7	
4 and under 8 weeks	5.6	10.5	7.8	4.5	5.2	4.4	
8 and under 13 weeks	3.9	5.6	7.0	* 2.6	* 3.0	3.5	
13 and under 26 weeks	4.3	4.4	5.6	5.0	4.5	4.0	
= = ·	8.3	10.0	8.1	6.3	5.3	5.7	
26 and under 52 weeks 52 weeks and over	11.5	11.2	11.7	12.4	12.0	12.8	
			48.1	37.0	36.3	38.2	
Total	43.5	52.2					
	weeks	weeks	weeks	weeks	weeks	week	
Median duration of unemployment	18	11	14	26	22	21	
		FEMALES					
	·'000	.000	'000	.000	.000	.000	
Unemployed					7.0	7	
Under 4 weeks	6.8	9.3	9.1	5.3	7.8	7.	
4 and under 8 weeks	5.7	7.3	8.0	4.9	4.6	4.0	
8 and under 13 weeks	3.9	* 3.2	* 3.2	* 2.0	4.3	* 3.:	
13 and under 26 weeks	* 2.3	* 2.5	5.0	4.8	4.7	6.	
26 and under 52 weeks	5.8	5.0	* 3.2	4.9_	* 2.3	4.	
52 weeks and over	5.9	7.4	7.5	6.4	4.8	5.	
Total	30.4	34.7	36.0	28.3	28.6	31.	
	weeks	weeks	weeks	weeks	weeks	week	
Median duration of unemployment	10	8	9	14	10	1	
		PERSONS					
	'000	.000	'000	.000	.000	.00	
Unemployed		***	17.1	116	14.1	14.	
Under 4 weeks	16.6	19.8	17.1	11. 6 9.4	9.8	9.	
4 and under 8 weeks	11.3	17.9	15.7		7.4	6.	
8 and under 13 weeks	7.8	8.8	10.2	4.6 9.7	9.2	10	
13 and under 26 weeks	6.6	6.8	10.6	11.2	7.7	10	
26 and under 52 weeks	14.1 17.4	15.0 18.6	11.3 19.2	18.8	16.8	18	
52 weeks and over						/0	
Total	73.9	86.9	84.1	65.3	64.9	69	
	weeks	weeks 😽	weeks	weeks	weeks	week	
	14	10	12	21	13	1	

TABLE 15—UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, BALANCE OF QUEENSLAND

	1996		1997		1998	
Duration of unemployment	December	Januar _? :	February	December	January:	Februar
		MALES				
-	'000	.000	.000	.000	.000	.000
Unemployed						
Under 4 weeks	9.3	9.3	7.3	12.0	10.2	8.
4 and under 8 weeks	9.3	10.9	7.8	4.2	10.8	11.
8 and under 13 weeks	3.5	7.8	9.3	6.3	7.3	11.
13 and under 26 weeks	5.0	6.7	7.2	8.1	8.3	9.
26 and under 52 weeks	8.4	6.6	9.4	8.2	8.8	5.
52 weeks and over	12.4	15.6	16.6	16.7	17.6	17.
Total	48.0	56.9	57.6	55.6	62.9	63
	weeks	weeks	weeks	weeks	weeks	week:
Median duration of unemployment	17	13	17	21	16	13
		FEMALES				
	.000	.000	.000	.000	.000	'000
Unemployed						
Under 4 weeks	11.4	13.0	9.1	10.1	8.1	10.0
4 and under 8 weeks	6.1	7.0	6.6	4.2	7.9	6.5
8 and under 13 weeks	3.7	* 3.0	5.3	* 2.0	5.9	7.0
13 and under 26 weeks	5.0	4.7	5.1	4.3	* 3.1	4.0
26 and under 52 weeks	4.6	4.3	5.1	4.8	3.5	4.5
52 weeks and over	8.0	10.6	11.5	9.9	9.0	11.5
Fotal	38.8	42.6	42.7	35.4	37.4	43.4
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	8	9	13	17	8	10
		PERSONS				
	'000	.000	'000	.000	.000	'000
Unemployed						
Under 4 weeks	20.7	22.3	16.5	22.2	18.3	18.1
4 and under 8 weeks	15.4	17.9	14.5	8.4	18.6	17.8
8 and under 13 weeks	7.2	10.7	14.6	8.3	13.2	18.0
13 and under 26 weeks	10.0	11.4	12.2	12.4	11.3	13.6
26 and under 52 weeks 52 weeks and over	13.1 20.4	10.9 26.3	14.5 28.1	13.0 26.7	12.2 26.5	10.3 28.9
Fotal .	86.8	99.5	100.4	91.0	100.3	106.7
	weeks	weeks	weeks	weeks	- weeks	weeks
					•	
Median duration of unemployment	13	12	16	19	12	12

TABLE 16 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

	1996		1997		1998	
Duration of unemployment	December	January	February	December	January	February
		MALES				
-	'000	'000	.000	.000	000	.000
Jnemployed						
Under 4 weeks	19.1	19.8	15.3	18.3	16.5	15.8
4 and under 8 weeks	14.9	21.5	15.6	8.7	15.9	15.8
8 and under 13 weeks	7.5	13.4	16.3	8.9	10.4	14.5
13 and under 26 weeks	9.3	11.0	12.8	13.0	12.8	13.6
26 and under 52 weeks	16.7	16.6	17.4	14.5	14.1	11.5
52 weeks and over	24.0	26.8	28.4	29.2	29.6	30.3
Fotal	91.5	109.1	105.7	92.5	99.2	101.4
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	17	12	16	22	18	14
		FEMALES				
	'000	.000	'000	'000	'000	.000
Unemployed						
Under 4 weeks	18.2	22.3	18.2	15.5	15.9	17.1
4 and under 8 weeks	11.8	14.3	14.6	9.1	12.5	11.1
8 and under 13 weeks	7.5	6.1	8.5	4.1	10.2	10.2
13 and under 26 weeks	7.3	7.2	10.1	9.1	7.7	10.0
26 and under 52 weeks	10.4	9.3	8.3	9,7	5.8	9.3
52 weeks and over	13.8	18.0	19.0	16.3	13.7	17:3
Total	69.2	77.3	78. 7	63.8	66.0	75.0
	weeks	weeks	weeks	weeks	weeks	week.
Median duration of unemployment	10	8	11	16	9	12
		PERSONS				
	.000	.000	'000	.000	'000	'00
Unemployed						22
Under 4 weeks	37.3	42.1	33.5	33.7	32.4	32.
4 and under 8 weeks	26.7	35.7	30.2	17.9	28.5	26.
8 and under 13 weeks	15.0	19.5	24.8	12.9	20.6	24.
13 and under 26 weeks	16.6	18.2	22.9	22.1	20.5	23.
26 and under 52 weeks	27.2	26.0	25.8	24.2	19.9	20.
52 weeks and over	37.8	44.8	47.3	45.5	43.3	47.
Total .	160.7	186.4	184.5	156.3	165.2	176.
	weeks	weeks	weeks	weeks	weeks	week
Median duration of unemployment	13	10	14	20	13	1

TABLE 17 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY DIVISION AND OCCUPATION GROUP OF LAST FULL-TIME JOB, QUEENSLAND

	February	1997	May 19	97	August 1	997	November 1997		February 1998	
Unemployment category,	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rat
industry division	1000	0.7	1000	0.4	1000		1000		1000	4.
and occupation group	'000	%	.000	%	'000	%	.000	o o	'000	%
Persons who had worked full-time for 2 weeks										
or more in the last 2 years	97.3	5.9	91.9	5.6	82.4	5.0	81.4	4.9	93.4	5.:
Industry division										
Agriculture, forestry and fishing	6.3	6.5	5.5	5.5	5.7	5.0	6.7	6.2	8.8	8.
Manufacturing	14.6	7.8	14.4	7.4	11.1	5.8	14.1	7.5	12.6	6.
Construction	13.6	9.7	12.7	9.4	9.7	7.6	5.6	4.3	8.9	6.
Wholesale trade	5.2	5.7	5.6	6,6	4.1	5.1	* 3.1	* 3.7	5.8	5.
Retail trade	14.6	5.5	11.4	4.4	14.1	5.5	14.4	5.4	16.8	6.
Property and business services	6.5	4.4	6.8	4.6	7.3	4.7	6.8	4.1	8.5	4.9
Health and community services	3.8	2.7	4.0	2.6	3.8	2.5	4.9	3.3	4.4	2.
Cultural and recreational	5.6	2.1	4.0	2.0	3.6	≟.J	4,7	3.3	4.4	
services	* 2.9	* 7.0	* 1.7	* 4.7	* 2.3	* 5.5	* 2.9	* 6.7	* 1.5	* 4.
Other industries	29.9	5.6	29.9	5.6	24.3	4.7	22.8	4.2	26.2	4.
other maustres	29.9	3.0	29.9	3.0	24.3	4.7	22.0	4.2	20.2	4.
Occupation group										
Managers and administrators	* 0.9	* 0.8	* 1.0	* 0.9	* 0.9	* 0.7	* 2.0	* 1.7	* 1.2	* 1.
Professionals	7.3	3.1	5.8	2.4	4.2	1.8	5.0	2.1	6.6	2.
Associate professionals	6.7	3.6	6.0	3.3	8.8	4.7	6.6	3.5	8.1	4.
Tradespersons and related workers	18.1	7.7	14.6	6.3	14.9	6.5	8.7	4.0	13.0	5.
Advanced clerical and										
service workers	* 3.0	* 3.8	* 2.0	* 2.9	* 1.6	* 2.2	* 1.4	* 1.9	* 1.0	* 1.
Intermediate clerical, sales and										
service workers	11.9	4.4	12.3	4.6	12.1	4.4	12.6	4.3	15.1	5.
Intermediate production										
and transport workers	12.1	7.7	13.8	9.1	10.4	7.0	_11.0	7.0	12.7	7.
Elementary clerical, sales										
and service workers	10.8	6.0	12.1	6.7	10.4	5.9	8.9	4.6	10.9	5.
Labourers and related workers	25.9	13.7	23.4	11.7	19.0	9.3	25.3	13.0	24.9	12.
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	39.1	**	37.7		31.3		31.8		36.1	
Other	26.4	**	20.8		20.3		22.9		25.8	
Job leaver	31.8	••	33.4		30.8	••	26.7		31.5	
Other										
Persons looking for first job	16.7		11.7		12.7		17.4		14.5	
Former workers	66.4		59.0		62.8		51.9		63.8	
Persons stood down	4.1		4.3	••	* 2.9		5.1		4.8	
				-						
Total	184.5	10.7	166.9	9.8	160.8	9.4	155.9	8.9	176.5	9,9
Looking for full-time work	151.5	11.6	132.0	10.4	131.5	10.2	122.2	9.5	140.9	10.6
Looking for part-time work	32.9	7.8	34.9	8.0	29.3	6.8	33.6	7.4	35.5	7.8

SPECIAL SURVEYS DATA

Although emphasis in the population survey is placed on the regular collection of demographic and labour force characteristics data, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below. All publications refer to Australia.

Title of publication	Latest data	Catalogue No.
Annual and Long Service Leave Taken	May 1988 to April	
Allitudi alto Long Service Leave Taken	1989	6317.0
Career Experience	November 1996	6254.0
Career Paths of Persons with Trade Qualifications	1993	6243.0
Career Paths of Qualified Nurses, Australia	March to July 1989	6277.0
Child Care	March 1996	4402.0
Employment Benefits	August 1994	6334.0.40.001
Job Search Experience of Unemployed Persons	July 1997	6222.0
Labour Force Experience	February 1995	6206.0.40.001
Labour Force Status and Educational Attainment	February 1994	6235.0
Labour Force Status and Other Characteristics of Families		6224.0
Labour Force Status and Other Characteristics of Migrants		6250.0
Labour Mobility	February 1996	6209.0
Multiple Jobholding	August 1997	6216.0
Participation in Education (formerly Labour Force Status		2070.0
and Educational Attendance)	September 1996	6272.0
Persons Employed at Home	September 1996	6275.0
Persons not in the Labour Force	September 1997	6220.0
Persons Who Had Re-entered the Labour Force	July 1995	6264.0.40.001
Persons Who Have Left the Labour Force	September 1994	6267.0.40.001 6238.0.40.001
Retirement and Retirement Intentions	November 1994	6245.0
Successful and Unsuccessful Job Search Experience	July 1996	6319.0
Superannuation	November 1995	6546.0
Survey of Income and Housing Costs and Amenities	1989-90	6325.0
Trade Union Members	August 1996	0323.0
Training and Education Experience (formerly How Workers	1993	6278.0
Get Their Training)	May 1997	6227.0
Transition from Education to Work	September 1996	6265.0
Underemployed Workers	August 1995	6310.0.40.001
Weekly Earnings of Employees (Distribution)	August 1997	6342.0
Working Arrangements	Ungast 1991	0042.0

LABOUR FORCE SUPPLEMENTARY SURVEY PROGRAM — 1998

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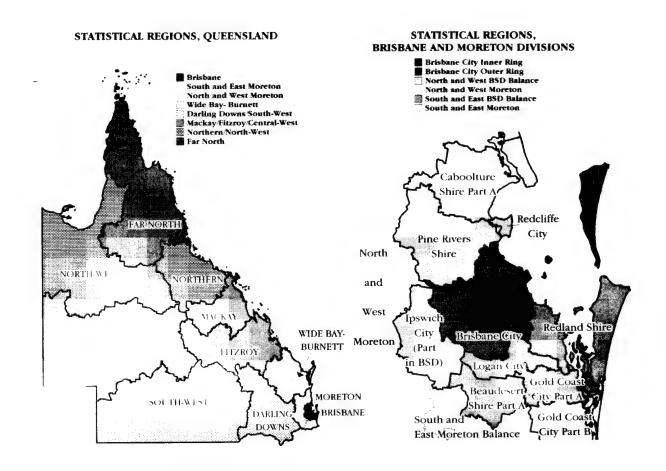
RELEASES OF INTEREST

Multiple Jobbolding, Australia, August 1997 (6216.0), (\$18.00). Provides estimates of persons holding more than one job classified by occupation of main and second jobs, status of employment in main and second jobs, hours worked in main and second jobs and industry of main and second jobs.

Persons Not in The Labour Force, Australia, September 1997 (6220.0), (\$19.00). Persons who were not in the labour force are classified by whether they wanted to work, whether they looked for work in the last twelve months, reasons for not looking for work, main activity, time since last job and details of that job. Characteristics of persons with marginal attachment to the labour force and discouraged jobseekers are provided.

Underemployed Workers, Australia, September 1997 (6265.0), (\$19.00). Provides information on visible underemployment. It provides details of persons currently working part-time who would prefer to work more hours each week and persons who usually work full-time but did not do so in the reference week. Includes information about the jobs in which underemployed workers are employed, their employment preferences, the extent and duration of underemployment and whether they are looking for work with more hours.

Working Arrangements, Australia, August 1997 (6342.0), (\$19.00). Provides information on characteristics of working arrangements of employed persons, including the flexibility of working arrangements and shift work. Among the topics covered are full-time/part-time status, industry, occupation, hours worked, flex time, rostered days off, overtime, absences from work, types of leave used, weekly earnings, availability of child care and information about core employment benefits such as leave entitlements.



BRISBANE CITY INNER RING

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including	Kedron	Stafford
Bardon	Military Camp)	Kelvin-Grove	Stafford Heights
Bowen Hills	Fairfield	Lutwyche	Taringa
Bulimba	Fortitude Valley - Inner	Milton	Tarragindi
Camp Hill	Fortitude Valley - Remainder	Moorooka	Toowong
Cannon Hill	Graceville	Morningside	West End
Carina	Grange	New Farm	Wilston
Carina Heights	Greenslopes	Newmarket	Windsor
Carindale	Hamilton	Newstead	Woolloongabba
Chelmer	Hawthorne	Norman Park	Wooloowin
City - Inner	Hendra	Nundah	Yeerongpilly
City - Remainder	Herston	Paddington	Yeronga

EXPLANATORY NOTES

POPULATION SURVEY

1 This survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers approximately three-fifths of 1% of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the **reference** week).

SCOPE

- **2** The labour force survey includes all persons aged 15 years and over except:
- members of the permanent defence forces,
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations,
- overseas residents in Australia and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

COVERAGE

- **3** In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.
- **4** Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

SUPPLEMENTARY AND SPECIAL SURVEYS

5 Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force, or of other subjects, are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 21.

POPULATION BENCHMARKS

- **6** Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted. They usually differ from the official population estimates subsequently published in the quarterly ABS publication *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.
- **7** Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This

methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

8 While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason, estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

REVISION OF SERIES

- **9** Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1994 to take account of the results of the 1991 Census of Population and Housing. This affected all the monthly estimates from January 1989 to January 1994.
- **10** The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates were based on a combination of place of enumeration and place of usual residence.
- **11** Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.
- **12** The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986, June 1991 and March 1993.

COMPARABILITY OF SERIES

- **13** As noted in paragraph 9, estimates from January 1989 have been revised to conform to revised population estimates following the 1991 Census of Population and Housing and are thus not strictly comparable with estimates for periods prior to January 1989, which have not been revised.
- **14** From August 1996, occupation data are classified according to the new edition of the Australian Standard Classification of Occupations (ASCO) and are not comparable with previous information. For more detailed information see ASCO Australian Standard Classification of Occupations, Information Paper (1221.0). A concordance between these versions of ASCO is not yet available.
- **15** Regional estimates are based on statistical regions from September 1987. They are not comparable with estimates prior to that date which were based on differently composed dissemination regions.
- **16** Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by employees. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

RELIABILITY OF ESTIMATES

- **17** Estimates in this publication are subject to two sources of error.
- Sampling error. Since the estimates are based on information obtained from occupants of a sample of dwellings, they and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.
- Non-sampling error. Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

RELIABILITY OF REGIONAL LABOUR FORCE ESTIMATES

- **18** While the Labour Force Survey is designed primarily to produce reliable estimates at the national and State or Territory level, it also delivers estimates for a number of regions within States.
- **19** As with the national and State estimates, regional labour force estimates are subject to sampling error. Since estimates for regions are components of the corresponding State level and thus are based on a considerably smaller sample size, they are subject to higher relative standard errors. Care should therefore be taken in the interpretation of regional estimates, particularly when comparing month-to-month movements. Tables of standard errors for each region are available later in this publication.

SURVEY SAMPLE REDESIGN

- 20 The ABS has reselected the Labour Force Survey sample to incorporate information obtained from the 1996 Census of Population and Housing. The new sample will be introduced over an 8 month period, from September 1997 until April 1998, in order to minimise possible effects on the continuity of key labour force statistics. Details of the new sample, and the sample design and methodology of the survey, are given in *Information Paper: Labour Force Survey Sample Design* (6269.0).
- **21** Regional labour force statistics are subject to significant volatility and are especially vulnerable at the time of reselection of the Labour Force survey sample, as the new sample selected to represent each region may have characteristics different from the old sample. Consequently, it can be expected that some regional series may suffer quite noticeable disturbances during the period September 1997 to April 1998. Thus, regional estimates from September 1997 onwards may not be comparable with those before September 1997.

STATISTICAL REGIONS

- **22** From September 1997, Labour Force dissemination regions are classified according to *Australian Standard Geographical Classification*, 1996 Edition (1216.0).
- **23** A review of dissemination regions for labour force data was conducted during 1996. As a result, the boundaries for some regions have been changed to maintain consistency with the ASGC. Details of the new labour force regions are given in *Information Paper: Regional Labour Force Statistics* (6262.0).

- **24** An additional dissemination region has become available for the Gold Coast Gold Coast City (Parts A and B) Statistical Region Sectors. This new region is formed from parts of the South and East BSD Balance and South and East Moreton Statistical Regions. The latter regions have not changed and data will continue to be available for them.
- 25 The Brisbane City Outer Ring Statistical Region has been enlarged to include part of Carole Park, formerly of North and West BSD Balance Statistical Region. Consequently, estimates of the labour force in these regions are expected to change by 1,000 persons.

SEASONAL ADJUSTMENT

26 Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

TREND ESTIMATION

- **27** Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.
- **28** While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

MONTH-TO-MONTH MOVEMENTS

29 Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 17.

RELATED PUBLICATIONS

30 Other ABS publications which may be of interest include:

A Guide to Interpreting Time Series — Monitoring 'Trends' (1349.0)

Information Paper: A Guide to Interpreting Time Series — Monitoring 'Trends' — An Overview (1348.0)

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Measuring Employment and Unemployment (6279.0)

Information Paper: Regional Labour Force Statistics (6262.0)

Labour Force, Australia (6203.0)

EXPLANATORY NOTES continued

Labour Force, Australia, Preliminary (6202.0)

Monthly Summary of Statistics, Queensland (1304.3)

31 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Release Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the Catalogue and the *Release Advice* are available from any ABS office.

UNPUBLISHED STATISTICS

32 As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact phone number shown at the front of this publication.

ROUNDING

33 Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.

SYMBOLS AND OTHER USAGES

- . not applicable
- * subject to sampling variability too high for most practical purposes (see paragraphs 8 and 9 of the Technical Notes)

TECHNICAL NOTES

ESTIMATION PROCEDURE

- **1** The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.
- **2** Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

DATA QUALITY

3 Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. Non-sampling error is explained in the Explanatory Notes, paragraph 17. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

- **4** One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the standard error (SE).
- **5** There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.
- **6** The standard error of an estimate can be obtained from table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example in paragraphs 12 and 13 following).
- **7** Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables. Methods for calculating the standard errors of these estimates are shown in paragraph 14.

Relative standard error

- **8** Another measure of sampling variability is the relative standard error (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The RSE is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling and thus avoids the need to refer also to the size of the estimate.
- **9** In the tables in this publication, only estimates with RSEs of 25% or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger RSEs have been included and are preceded by an asterisk (e.g. * 3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

- **10** The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in table B. These estimates apply only to estimates of movements between two consecutive months.
- **11** Movements between corresponding months of consecutive quarters, i.e. quarterly movements, can be obtained by multiplying the figures in table B by 1.21. Standard errors of movements between corresponding months of consecutive years, i.e. annual movements, can be obtained by multiplying the figures in table A by 1.3. When using tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

LINEAR INTERPOLATION

- **12** Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the size of estimate column in tables A or B. Linear interpolation is best described using an example. In February 1998 there were $698,200~(X_e)$ employed females in Queensland. This estimate falls between $500,000~(X_i)$ and $1,000,000~(X_u)$ in table A.
- **13** The standard error of the estimate is determined as follows: Firstly calculate

$$F = \frac{X_e - X_f}{X_u - X_f}$$

$$= \frac{698,200 - 500,000}{1,000,000 - 500,000}$$

$$= 0.396$$

Secondly, calculate the standard error of the estimate, $SE(X_c)$ thus,

$$SE(X_e) = SE(X_t) + F[SE(X_{tt}) - SE(X_t)]$$

= 7,000 + 0.396 × [8,900 - 7,000]
= $\sqrt{7}$,752
= 7,800 rounding to the nearest 100

Therefore the standard error of the number of employed females in Queensland in February 1998 (698,200) is 7,800.

14 Standard errors for selected estimates may be calculated as follows.

Measure of reliability to be determined	Method
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 0.97.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.06.
Standard errors of rates (e.g. the	Determine the RSE of the numerator (x) and
unemployment rate which is based on the number of unemployed persons expressed	the denominator (y) then apply the following formula.
as a percentage of the number of persons in the labour force).	$RSE(x/y) = \sqrt{[RSE(x)]^2 - [RSE(y)]^2}$
Standard error of average hours worked.	Determine the RSE for the number of persons on which the average is based, multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based, multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A), multiply this by 1.21.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

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STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

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			Brisb	Brisbane (MSR) Statistical Regions	tistical Region	SL		Ba	lance of Que	Balance of Queensland Statistical Regions	stical Regions		
Size of estimate	Queensland; Brisbane (MSR); Balance of Queensland	Queensland; Brisbane (MSR);	Brisbane City Brisbane City Inner Ring Outer Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance	South and East Moreton	North and West Moreton	Wide Bay-Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	88	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 000	280	58.0	330	310	250	320	290	300	340	320	340		290
1500	999	44.0	400	370	300	380	340	350	400	390	410	390	340
2000	730	36,5		420	340	440	390	400	460	440	460		390
2 500	790	31.6		470	370	480	430	440	200	480	510		430
3 000	840	28.0		510	400	520	460	480	550	520	550		460
4 000	086	23.3		570	460	9	530	540	620		620		230
000	1000	20.00		630	200	650	580	900	989		989		580
2000	1 150	16.4		730	280	750	670	069	790		790	750	670
10 000	1 250	12.5	006	850	680	880	780	810	920		920		780
15 000	1 450	6.7	+	1 000	810	1 050	930	096	1 100	1 050	1 100		930
20 000	1 600	8.0	+	1 150	920	1 200	1 050	1 100	1 250	т	1 250		1 050
30 000	1 850	6.2	+		1 100	1 400	1 250	1 300	1 500	+	1 500		1 250
50 000	2 200	4.4	1 800	1 700	1 350	1 750	1 550	1 600	1850	#	1 850	1 750	1 550
100 000	2 800	2.8	2	2 300	1 850	2 400	2 100	2 200	2 500	2 400	2 500		2 150
200 000	3 550	00	m		2 500	3 200	2 850	2 950	3 350	3 250	3 400		2 850
300 000	4 100	1.4	(7)	3 750	2 950	3 850	3 400	3 550	4 000	3 850	4 050	3 850	3 450

Attending school

Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools.

Attending tertiary educational institution full-time

Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at a TAFE college, university or other educational institution.

Average hours worked

Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment

For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Duration of unemployment

The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week.

Employed

Persons aged 15 years and over who, during the reference week:

- worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business or on a farm (comprising employees, employers and own account workers);
- worked for 1 hour or more without pay in a family business or on a farm (i.e. contributing family workers);
- were employees who had a job but were not at work and were: on paid leave: on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; receiving wages or salary while undertaking full-time study or
- were employers, own account workers or contributing family workers who had a job, business or farm, but were not at work.

Former workers

Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years.

Full-time workers

Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Hours worked

The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid.

Job leavers

Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties, or any other reasons.

Job losers

Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies, or their last job was running their own business and the business closed down from financial difficulties.

Industry

From August 1994, Labour Force Survey industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC). Like the previous Australian Standard Industrial Classification (ASIC), ANZSIC classifies businesses according to their economic activities, in a structure consisting of four levels (Division, Sub-division, Group and Class). Labour Force Survey data are coded at the group level, as was the practice under ASIC. To assist users in making comparisons with previously published data, a concordance was developed which shows for each ASIC Group, the corresponding ANZSIC Group or Groups. The concordance also shows the estimated employment attributable to each ANZSIC Group, compared with ASIC Group data, according to establishment unit employment data on the ABS Business Register at May 1994. Historical estimates of employment by ANZSIC Group have been compiled on the basis of the concordance, and are available on request. For further information about the application of ANZSIC, see Information Paper: Labour Force Survey: Introduction of ANZSIC for Industry Data (6259.0) and Australian and New Zealand Standard Industry Classification, 1993 (1292.0).

It has since been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical Labour Force Survey estimates.

This concordance is published in the *Information Paper: Labour Force Survey: Revisions to Historical ANZSIC Industry Data* (6259.0).

Labour force

For any group, persons who were employed or unemployed, as defined.

Labour force status

A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Marital status

Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

Median duration of unemployment

The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not in the labour force

Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, jails, sanatoriums, etc.), trainee teachers, members of contemplative religious orders

and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation

From August 1996, Labour Force Survey occupation data are classified according to the Australian Standard Classification of Occupations (ASCO) Second Edition, a detailed description of which appears in *ASCO — Australian Standard Classification of Occupations, Information Paper* (1221.0). The new version of the classification replaces ASCO First Edition, which was adopted in the survey in August 1986.

Participation rate

For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers

Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series

A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 26 of the Explanatory Notes for more detail.

Statistical regions

Classified according to the *Australian Standard Geographical Classification*, *Edition 2.5* (1216.0).

Status in employment

From August 1994, the Labour Force Survey has adopted the international classification of Status in Employment, previously referred to as Status of Worker in the survey. This change follows recommendations of the 15th International Conference of Labour Statisticians and ABS standards. For the Labour Force Survey, the change involves no changes in definitions. The only changes are to the classification titles, as follows:

Status of worker	Status in employment
**********	* * * * * * * * * * * * * * * * * * * *
Wage and salary earner	Employee
Employer	Employer
Self-employed	Own account worker

Unpaid family helper Contributing family worker

Trend series

A smoothed seasonally adjusted series of estimates. See paragraphs 27 and 28 of the Explanatory Notes for more detail.

Unemployed

Persons aged 15 years and over who were not employed during the reference week and:

- had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
 - were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week);
 - were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or

were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation

Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for full-time work

Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work

Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate

For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.







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